PatrÃ-cia Beldade

List of Publications by Year
in descending order

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53 papers	2,883 citations	236925 25 h-index	182427 51 g-index
60 all docs	60 docs citations	60 times ranked	2755 citing authors

#	Article	IF	Citations
1	Many ways to make darker flies: Intraâ€•and interspecific variation in Drosophila body pigmentation components. Ecology and Evolution, 2021, 11, 8136-8155.	1.9	8
2	Additive and nonâ€•additive effects of day and night temperatures on thermally plastic traits in a model for adaptive seasonal plasticity. Evolution; International Journal of Organic Evolution, 2021, 75, 1805-1819.	2.3	7
3	Eco-evo-devo advances with butterfly eyespots. Current Opinion in Genetics and Development, 2021, 69, 6-13.	3.3	13
4	Thermal Plasticity in Insectsâ€™ Response to Climate Change and to Multifactorial Environments. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	52
5	Genomics of Developmental Plasticity in Animals. Frontiers in Genetics, 2019, 10, 720.	2.3	96
6	Seasonal plasticity in anti-predatory strategies: Matching of color and color preference for effective crypsis. Evolution Letters, 2019, 3, 313-320.	3.3	33
7	Genetic basis of thermal plasticity variation in Drosophila melanogaster body size. PLoS Genetics, 2018, 14, e1007686.	3.5	52
8	Adaptation to new nutritional environments: larval performance, foraging decisions, and adult oviposition choices in Drosophila suzukii. BMC Ecology, 2017, 17, 21.	3.0	86
9	Developmental and evolutionary mechanisms shaping butterfly eyespots. Current Opinion in Insect Science, 2017, 19, 22-29.	4.4	38
10	Evolution of thorax architecture in ant castes highlights trade-off between flight and ground behaviors. ELife, 2014, 3, e01539.	6.0	54
11	Adaptive developmental plasticity: Compartmentalized responses to environmental cues and to corresponding internal signals provide phenotypic flexibility. BMC Biology, 2014, 12, 97.	3.8	45
12	Ecdysteroid Hormones Link the Juvenile Environment to Alternative Adult Life Histories in a Seasonal Insect. American Naturalist, 2014, 184, E79-E92.	2.1	39
13	Footprints of selection in wild populations of <scp>B</scp>icyclus anynana along a latitudinal cline. Molecular Ecology, 2013, 22, 341-353.	3.9	13
14	Evolutionary history of the recruitment of conserved developmental genes in association to the formation and diversification of a novel trait. BMC Evolutionary Biology, 2012, 12, 21.	3.2	52
15	Genetic basis of stage-specific melanism: a putative role for a cysteine sulfinic acid decarboxylase in insect pigmentation. Heredity, 2012, 108, 594-601.	2.6	21
16	Involvement of the conserved Hox gene Antennapedia in the development and evolution of a novel trait. EvoDevo, 2011, 2, 9.	3.2	71
17	Genomic Sequence around Butterfly Wing Development Genes: Annotation and Comparative Analysis. PLoS ONE, 2011, 6, e23778.	2.5	15
18	Evolution and molecular mechanisms of adaptive developmental plasticity. Molecular Ecology, 2011, 20, 1347-1363.	3.9	311

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19	Single locus affects embryonic segment polarity and multiple aspects of an adult evolutionary novelty. BMC Biology, 2010, 8, 111.	3.8	29
20	A Gene-Based Linkage Map for Bicyclus anynana Butterflies Allows for a Comprehensive Analysis of Synteny with the Lepidopteran Reference Genome. PLoS Genetics, 2009, 5, e1000366.	3.5	97
21	Fresh Weight, Dry Weight, and Fat Content of Adult African Butterflies Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5212-pdb.prot5212.	0.3	2
22	Constant Volume Respirometry in the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5213.	0.3	2
23	Injection of Chemicals into Pupae of the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5215.	0.3	1
24	Surgical Manipulations on Pupal Wings from the African Butterfly Bicyclus anynana: Grafts. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5205.	0.3	1
25	Extraction and Gas Chromatography Analysis of Adult Pheromones from the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5211-pdb.prot5211.	0.3	1
26	Surgical Manipulations on Pupal Wings from the African Butterfly Bicyclus anynana: Damage and Cauteries. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5204-pdb.prot5204.	0.3	2
27	Fixation and Dissection of Embryos from the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5206.	0.3	8
28	Hemolymph Extraction from Various Developmental Stages of the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5214-pdb.prot5214.	0.3	1
29	Dissection of Larval and Pupal Wings from the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5207-pdb.prot5207.	0.3	8
30	Culture and Propagation of Laboratory Populations of the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5203-pdb.prot5203.	0.3	17
31	Immunohistochemistry Staining of Embryos from the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5209.	0.3	6
32	Development and evolution of insect pigmentation: Genetic mechanisms and the potential consequences of pleiotropy. Seminars in Cell and Developmental Biology, 2009, 20, 65-71.	5.0	285
33	Immunohistochemistry Staining of Wing Discs from the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5210-pdb.prot5210.	0.3	2
34	The African Butterfly Bicyclus anynana: A Model for Evolutionary Genetics and Evolutionary Developmental Biology. Cold Spring Harbor Protocols, 2009, 2009, pdb.emo122.	0.3	65
35	In Situ Hybridization of Embryos and Larval and Pupal Wings from the African Butterfly Bicyclus anynana. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5208.	0.3	9
36	Microsatellite markers associated with genes expressed in developing wings of Bicyclus anynana butterflies. Molecular Ecology Resources, 2009, 9, 1487-1492.	4.8	2

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37	Conserved developmental processes and the evolution of novel traits: wounds, embryos, veins, and butterfly eyespots. , 2009, , 183-190.		0
38	Developmental and genetic mechanisms for evolutionary diversification of serial repeats: eyespot size inBicyclus anynana butterflies. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2008, 310B, 191-201.	1.3	25
39	Butterfly genomics eclosing. Heredity, 2008, 100, 150-157.	2.6	60
40	Differences in the selection response of serially repeated color pattern characters: Standing variation, development, and evolution. BMC Evolutionary Biology, 2008, 8, 94.	3.2	110
41	Genetic, ecological, behavioral and geographic differentiation of populations in a thistle weevil: implications for speciation and biocontrol. Evolutionary Applications, 2008, 1, 112-128.	3.1	19
42	Conserved developmental processes and the formation of evolutionary novelties: examples from butterfly wings. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1549-1556.	4.0	64
43	Estimation of Population Heterozygosity and Library Construction-Induced Mutation Rate From Expressed Sequence Tag Collections. Genetics, 2007, 176, 711-714.	2.9	12
44	The Genetic and Developmental Basis of Variation in Phenotypes. Acta Zoologica, 2007, 88, 349-350.	0.8	0
45	A wing expressed sequence tag resource for Bicyclus anynana butterflies, an evo-devo model. BMC Genomics, 2006, 7, 130.	2.8	85
46	Generating phenotypic variation: prospects from "evo-devo" research on Bicyclus anynana wing patterns. Evolution & Development, 2005, 7, 101-107.	2.0	48
47	Modularity in Development and Evolution. Based on a symposium held at Delmenhorst, Germany, May 2000. Edited by GerhardÂ Schlosser and , GÃ¼nterÂPÂ Wagner. Chicago (Illinois): University of Chicago Press. $90.00 (hardcover); $35.00 (paper). x + 600 p; ill.; index. ISBN: 0â€226â€73853â€1 (hc); 0â€226â€73855â€8 (pb). 2004.. Quarterly Review of Biology, 2005, 80, 245-246.	0.1	0
48	The difficulty of agreeing about constraints. Evolution & Development, 2003, 5, 119-120.	2.0	15
49	Concerted evolution and developmental integration in modular butterfly wing patterns. Evolution & Development, 2003, 5, 169-179.	2.0	63
50	Modularity, individuality, and evo-devo in butterfly wings. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14262-14267.	7.1	113
51	Contribution of Distal-less to quantitative variation in butterfly eyespots. Nature, 2002, 415, 315-318.	27.8	134
52	Developmental constraints versus flexibility in morphological evolution. Nature, 2002, 416, 844-847.	27.8	301
53	The genetics and evoâ€“devo of butterfly wing patterns. Nature Reviews Genetics, 2002, 3, 442-452.	16.3	281